

REMARKS

Claims 1, 2, 6, 8 - 10, and 16 - 18 stand rejected as anticipated by U.S. Patent No. 6,779,896 issued to Luerkens et al. Claims 3, 4, 7, 11, 13-15, 19 and 20 stand rejected as obvious in over Luerkens in view of U.S. Patent No. 6,520,648 issued to Stark et al. Applicants have amended Claim 16 and cancelled Claim 19. Applicants respectfully request reconsideration and withdrawal of the Examiner's rejections.

Luerkens discloses brightness control for a lamp that reduces flicker while operating the lamp at its rated power, the lamp losing brightness at the rated power over time. The flicker control seeks to maintain operation at the lamp's rated power, however, temporary variations above rated power are allowed for only limited time periods (column 4, lines 40-50).

Stark discloses a pulsing of power to a lamp by synchronizing a lamp ballast with a color wheel to provide nominal and boosted power levels, the pulsed brightness synchronized to provide boosted power at the white filter of the color wheel. At column 8, lines 1-6, Stark suggests application of varying power levels to other colors of the color wheel, such as red, green and blue.

Claim 1 recites, in part, "a luminance controller interfaced with the luminance sensor and a power driver of the projector bulb, the luminance controller operable to reduce the power driver output to limit projector bulb luminance at or below a setpoint level associated with a desired projector bulb life if the maximum luminance of the projector bulb is greater than a predetermined brightness".

Claim 8 recites, in part, "reducing the power applied to the projector bulb to reduce the luminance of the projector bulb to at or below the luminance threshold associated with the desired projector life".

Luerkens cannot anticipate Claims 1 and 8 because Luerkens fails to teach, disclose or suggest all elements recited by Claims 1 and 8. For instance, Luerkens fails to teach, disclose or suggest "luminance controller operable to reduce the power driver output to limit projector bulb luminance at or below a setpoint level associated with a desired projector bulb life if the

maximum luminance of the projector bulb is greater than a predetermined brightness" as recited by Claim 1, or "reducing the power applied to the projector bulb to reduce the luminance of the projector bulb to at or below the luminance threshold associated with the desired projector life" as recited by Claim 8. Indeed, Luerkens discloses only small adjustments to power in response to sensed luminance to reduce flicker and seeks to maintain power substantially at the rated power of the bulb, accepting declines in brightness at the rated power over time. Accordingly, Applicants respectfully request withdrawal of the rejections to Claims 1 and 8, as well as Claims 2-7 and 9-15, which depend from Claims 1 and 8 respectively.

Claim 16 as amended recites, in part, "a switch interfaced with the luminance feedback controller and operable to disengage control by the luminance feedback controller of the power driver."

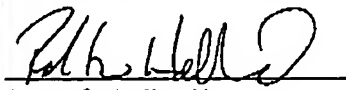
Luerkens and Stark, taken separately or together, cannot anticipate or make obvious Claim 16 because Luerkens and Stark fail to teach, disclose or suggest all elements recited by Claim 16. For instance, neither Luerkens nor Stark teach, disclose or suggest "a switch interfaced with the luminance feedback controller and operable to disengage control by the luminance feedback controller of the power driver." The Examiner relies on Stark at column 8, lines 1-6 to disclose this element, however, these portions of Stark only suggest applying switchable amplitudes to displayed colors other than white. Accordingly, Applicants respectfully request that the Examiner withdraw the rejections to Claim 16 and Claims 17, 18 and 20 which depend from Claim 16.

#### CONCLUSION

In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the examiner is requested to telephone the undersigned.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 502264.

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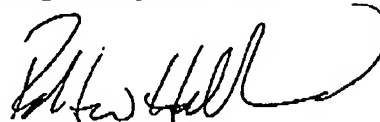


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3 Jan 2005

Date of Signature

Respectfully submitted,



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